



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/617,443
Source: OIPE
Date Processed by STIC: 8/27/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>10/617,443</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleics <input type="checkbox"/> Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If Intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.	
10 <input checked="" type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial-Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.	



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/617,443

DATE: 08/27/2003
TIME: 14:32:39

Input Set : A:\ORT-1644.txt
Output Set: N:\CRF4\08272003\J617443.raw

2 <110> APPLICANT: Darrow, Andrew L
3 Qi, Jian-shen
4 Chen, Cailin
5 Andrade-Gordon, Patricia
7 <120> TITLE OF INVENTION: Human PRSS-11 like S2 serine protease and uses thereof
9 <130> FILE REFERENCE: cDNA encoding PRSS-11 protease
11 <140> CURRENT APPLICATION NUMBER: US/10/617,443
12 <141> CURRENT FILING DATE: 2003-07-02
14 <160> NUMBER OF SEQ ID NOS: 8
16 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

18 <210> SEQ ID NO: 1
19 <211> LENGTH: 3006
E--> 20 <212> TYPE: cDNA invalid - the only acceptable pp 1,3
21 <213> ORGANISM: Homo sapiens (212) responses are Does Not Comply
23 <400> SEQUENCE: 1 DNA, RNA, or PRT Corrected Diskette Needed
24 cagggactcg aagtttgcag tcctccacac tcagttccca cagatgtggg aggaggcat 60
25 attcagtccc atttttcaga tgaggagttt agggccagag aacgtaagta atctgtctga 120
26 ggccacacag cttagaaagca gccaggccca gccgaacccc tggtgtgtgc agccccccagc 180
27 ccagttgctc attgcggggc tcgggagcca cgagcgaggg tgagcagcat gtgttccaga 240
28 tggtgaaaac tggagagagc cccggcacagg cccgtgcagg gaaccccgag ggctgttaggc 300
29 cccgtgccac tgcattgcctc aggctgtgg tcctggcgc acagccccct actgctgacg 360
30 gcagcaggaa tctgagcccg gaaagggttc agggaaatgc gtgaaccatc tagcaagtgc 420
31 ggctgggggtg tggccaaatgta agacacatgtt gttagggccct gtggactcag aaattggcag 480
32 ctcttttggc ccagaggggc cacgtgtt ccggccctgg gtatctcaga agggtcacct 540
33 ggggttcttc cactacaccc cccgcgtggac actgctgttag ccccaaggctt cggaggacc 600
34 agctggagcc catgaggaga gggccagttc tctcctgtaa gggattgtct gtatcatgag 660
35 ggaacacagaca aggcccaggg ggactaaacc gagatccagc cccggccctca ctccctgtg 720
36 gctcacggca atatccataac ctctctctga gcctcctgcc cagcctagca ggttccatgt 780
37 aggggggtga ggaagccag cacgtggaaat ctttttaac cattctcggt gtgagcgagc 840
38 ccctcccaa atgcctggtg tcactgcact gctgtgtggt aggggggtccc caacggcctc 900
39 agtgtgggtt gaggctggct ctgaactggg acagggtctt caggaagagc ctcctcctcc 960
40 tgcccaactgg gcataaggctt ctgggagctg gcagcatgtt gatctactg atgcacctgg 1020
41 ccctcccgcc cagcgcaggat ctccaccaggc tgagcagccc ggcgtacaat ttcaacttca 1080
42 ttgctgacgt ggtggagaag atgcgcaccat cctgtgttcca catagagctc ttcctgagac 1140
43 acccgctgtt tggcccaac gtgcccctgtt ccagcggttc tggcttcatc atgtcagagg 1200
44 cccggccctgat catcaccat gcccacgtgg tgcgtggcaaa cagtgcgtcc cccggcaggc 1260
45 agcagctcaa ggtgcagcta cagaatgggg actcctatga ggccaccatc aaagacatcg 1320
46 acaagaagtc ggacattgcc accatcaaga tccatccaa gaaaaagtc cctgtgtgt 1380
47 tgctgggtca ctgcggcgcac ctgcggcctg gggagttgt ggtggccatc ggcagtcct 1440

in the
<2207-2237>
section

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Input Set : A:\ORT-1644.txt

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48 tcgccctaca gaacacagtg acaacgggca tcgtcagcac tgcccagcgg gagggcaggg 1500
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50 ggaactccgg gggaccactg gtgaacctgg atggcgaggt cattggcatc aacacgctca 1620
51 aggtcacggc tggcatctcc ttgccatcc cctcagaccg catcacacgg ttcctcacag 1680
52 agttccaaga caagcagatc aaagactgga agaagcgctt catcgccata cgatgcgga 1740
53 cgatcacacc aagcctggtg gatgagctga aggccagcaa cccggacttc ccagaggta 1800
54 gcagtggaat ttatgtgcaa gaggttgcgc cgaattcacc ttctcagaga ggcggcatcc 1860
55 aagatggta catcatcgtc aaggtaacg ggcgtcctt actggactcg agtgagctgc 1920
56 agagggccgt gctgaccgag ttcctctcc tactggaggt gccgggggg aacgacgacc 1980
57 tcctcttcag catcgacactt gaggttgtca tgtgagggc gcattcctcc agcgccaagc 2040
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59 tcggcctca gcagggcgc agcctcctcc tggctgtccg gggcagagcg gaggctggc 2160
60 ttggccaggg gcccgaattt cgcctgggg agtgttggat ccacatcccg gtgcggggaa 2220
61 ggaagccca acatcccctt gtacagatga tcctgaaaat cacttccaag ttctccggat 2280
62 attcacaaaaa ctgccttcca tggaggtccc ctccctctcc agttcccgcc ctctccccct 2340
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67 tgaatgcccc ctggctgcgg agctgagccc cgccctgcca tgaggtttc ctccccaggc 2640
68 agcaggagg ccgcggggag cacgtggaaa gttggctgct gcctggggaa gcttctcctc 2700
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70 gactgagccc gcttccccctt cccacgcagc tctggatgc agcagccgct cgcatgaaag 2820
71 tgccgccccag aggcatgcag gctgctggc accacccctt catccagggaa acgagtgtgt 2880
72 ctcaagggc atttgtgagc tttgctgtaa atggattcccc agtgttgctt gtactgtatg 2940
73 tttctctact gtatgaaaaa taaagttac aagcacacgg ttctcagccca aaaaaaaaaa 3000
74 aaaaaaa 3006

10/6/74 443

3

<210> 7
<211> 20
<212> DNA
<213> Internal Sequence

invalid - see item 10 on Error
Summary Sheet

<220>
<223> Description of Internal Sequence: primer

<400> 7
gcaagtcggg ctgggggtgtg

20

<210> 8
<211> 24
<212> DNA
<213> Internal Sequence

invalid

<220>
<223> Description of Internal Sequence: primer

<400> 8
caggagacctt tttcttggga tgga

24

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Input Set : A:\ORT-1644.txt
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L:11 M:270 C: Current Application Number differs, Replaced Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:20 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: